

PRODUCTION OF LINEAR LOW-DENSITY POLYETHYLENE

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Abstract of JP8333407

PURPOSE: To provide a PE production process which is very advantageous in equipment cost and operating cost. **CONSTITUTION:** This production process is one for producing a linear low-density polyethylene comprising an ethylene/hexene-1 copolymer, wherein ethylene is trimerized into hexene-1 in the presence of a solvent, a trimerization catalyst containing chromium and a solid polymerization catalyst containing magnesium and a halogen in a reactor, and the hexene-1 is polymerized with ethylene to form an ethylene/hexene-1 copolymer.

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